

INFORMATION REPORT INFORMATION REPORT

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C-O-N-F-I-D-E-N-T-I-A-L

25X1

COUNTRY China

REPORT

SUBJECT Export Catalogs of the China National
Transport Machinery Import Corporation

DATE DISTR. 17 July 1957

NO. PAGES 1

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NO.DATE OF
INFO.PLACE &
DATE ACQ.

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SOURCE EVALUATIONS ARE DEFINITIVE APPRAISAL OF COUNTRY

China National Transport Machinery Import Corporation.

illustrated leaflets, in English

Peanut Sheller
Pre-heater
Aspirator Sifter
Cake Crusher (No. 14)
Cake Crusher (No. 20)
Three-High Crushing Roller Mill
Five-High Crushing Roller Mill
Eight-Ton Oil Expeller
Filter Press
Oil Purifier
Triple Plunger Pump
Hand Pump
Horizontal Hogshead Washer
Vertical Hogshead Washer
Gravel Sorter
Automatic Stucco Mixer
Concrete Mixer
Non-slip Continuous Wire Drawing Machine
Automatic Nail Making Machine
"Tank" Brand Hard Candy Machine

Comment.

most of these machines

were on display in Canton in May 1957.

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Attachments (20 leaflets) are not classi-
fied when detached from this report.

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C-O-N-F-I-D-E-N-T-I-A-L

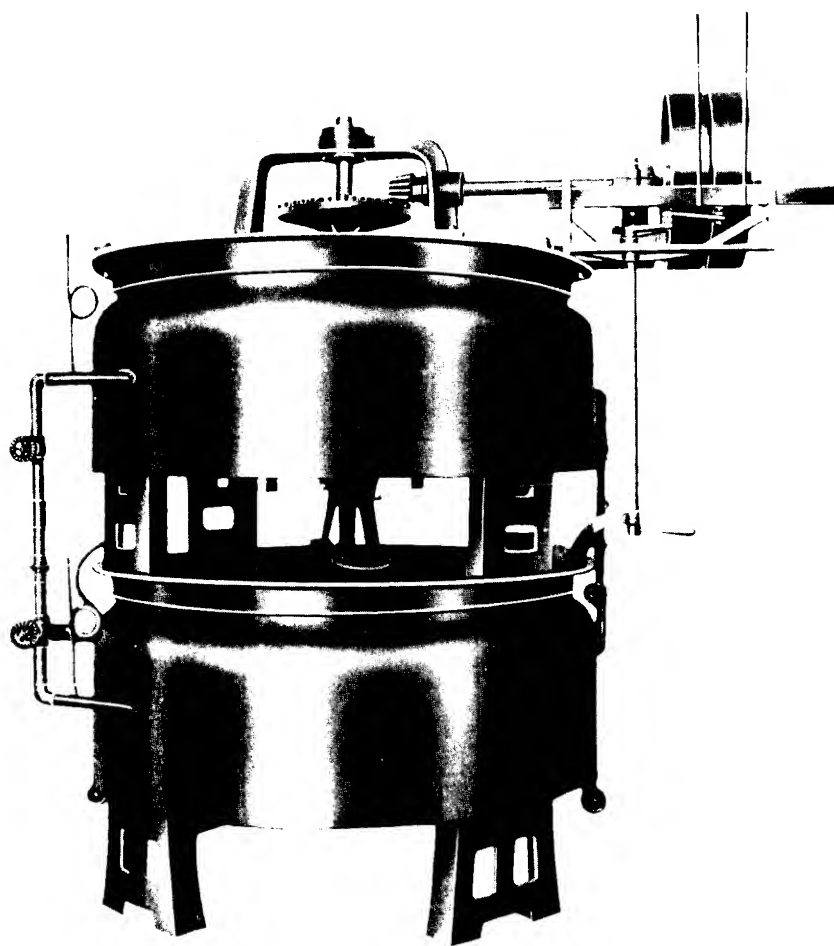
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P R E - H E A T E R



中國運輸機械進口公司

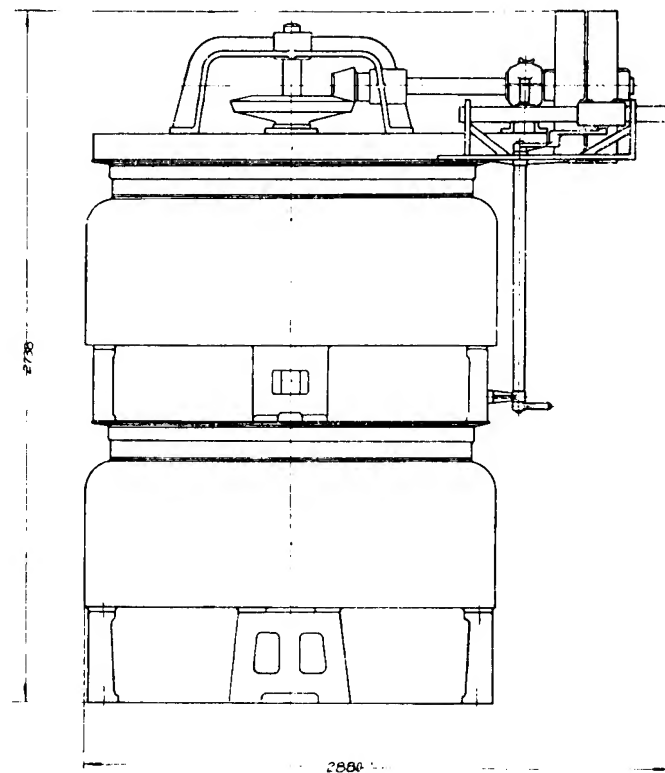
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.

IMPORTERS & EXPORTERS

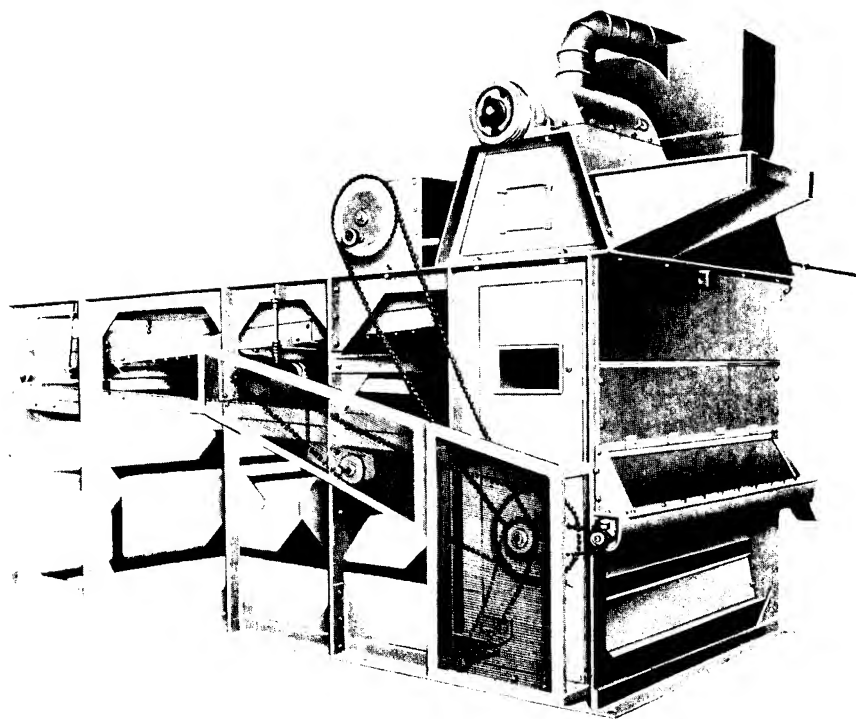
ER LI KOU, HSI CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

This is a double heating kettle mounted on columns with interior steam-pipe coils for drying seeds, such as peanuts, soya beans, rapeseed, cottonseed, etc., to facilitate oil extraction. The temperature can be regulated according to requirements. Steam is supplied from a separate boiler.

Treating capacity	...	...	...	...	...	...	...	...	...	830 kgs./hr.
Kettle: Inner diameter	...	...	...	...	...	...	...	...	...	1981 mm.
Outer diameter	...	...	...	...	...	...	...	...	...	2209 mm.
Height	...	...	...	...	...	...	...	...	...	762 mm.
Pulley: Width	...	...	...	...	...	...	...	...	...	127 mm.
Speed	...	...	...	...	...	...	...	...	...	152 rpm.
Diameter	...	...	...	...	...	...	...	...	...	610 mm.
Inlet opening	...	...	...	...	...	...	...	...	...	177 × 152 mm.
Stirrer blade	...	...	...	...	...	...	...	...	...	22 × 127 mm.
Pre-heating temperature	...	...	...	...	...	...	...	...	...	100°C
Diameter of steam piping	...	...	...	...	...	...	...	...	...	100 mm.
Steam pressure...	...	...	...	...	...	...	...	...	...	8 atm.
Stirrer shaft: Diameter	...	...	...	...	...	...	...	...	...	73 mm.
Speed	...	...	...	...	...	...	...	...	...	38 rpm.
Power required	...	...	...	...	...	...	...	...	...	20 H.P.
Overall dimension (L × W × H)	...	...	...	...	...	...	...	...	...	2880 × 2210 × 2738 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 4142 kgs. Approx.



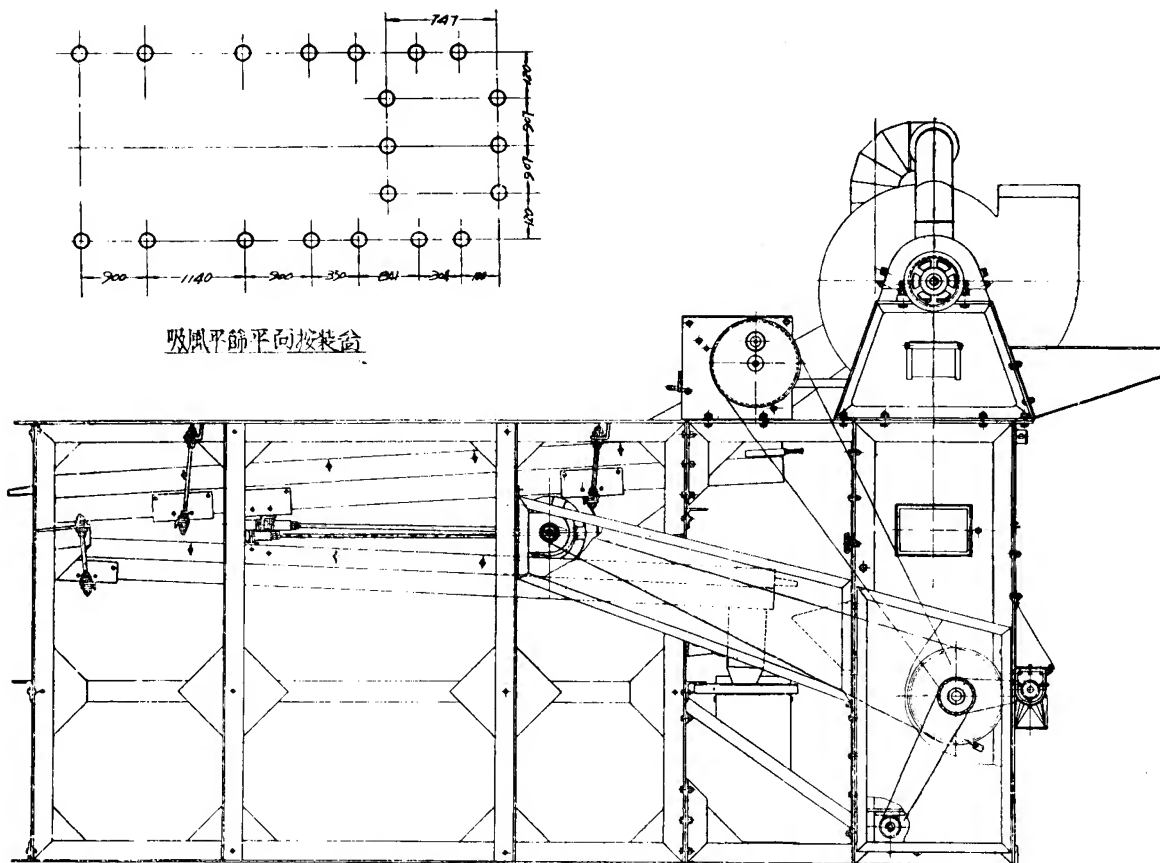
吸 風 平 篩
ASPIRATOR SIFTER



中國運輸機械進口公司
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS
ER LI KOU, HSI CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

Aspirator sifter is specially designed for cleaning cotton seeds before expelling. This machine separates cotton seed from all dirt and impurities. By means of the aspirator it rids cotton seed of the lighter impurities such as lint, etc. The sifter, shaking to and fro, makes cotton seed rub each other in such a way that dust will be separated from the seed. On account of its high productivity and its capability to supplement the requirements of several oil expellers simultaneously, it is best suited for use in large oil mills.

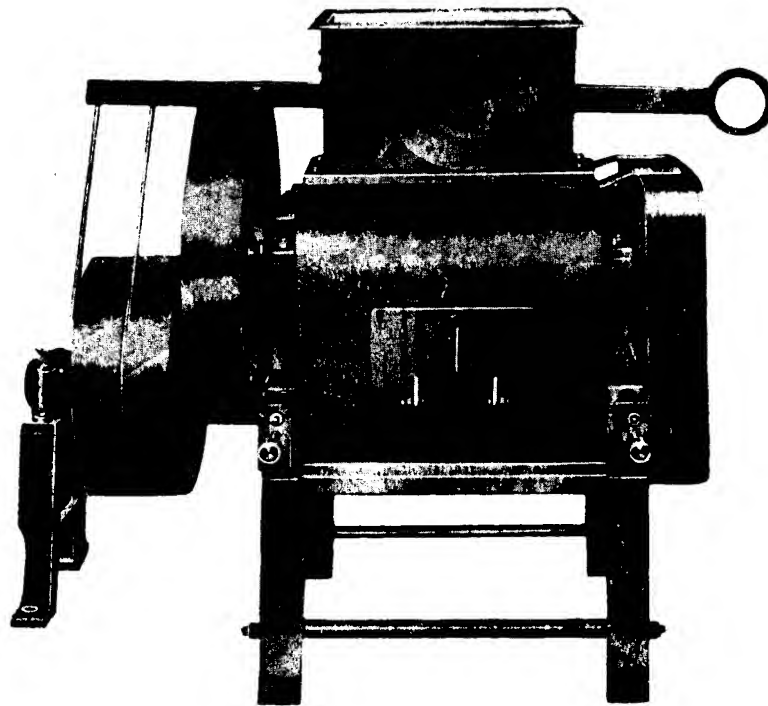
Sieving area (length & width)	...	...	...	...	...	...	...	...	...	3060 × 1530 mm.
Number of strokes	...	...	...	...	...	...	...	...	...	300 per min.
Speed of fan	...	...	...	...	...	...	...	...	...	1000 rpm.
Treating Capacity (24 hours)	...	...	...	...	...	...	...	...	...	80 — 120 tons.
Power required	...	...	...	...	...	...	...	...	...	10 H.P.
Overall dimension (L × W × H)	...	...	...	...	...	...	...	...	...	4330 × 2110 × 3100 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 3,500 kgs. Approx.



碎 餅 機

CAKE CRUSHER

(No. 14)



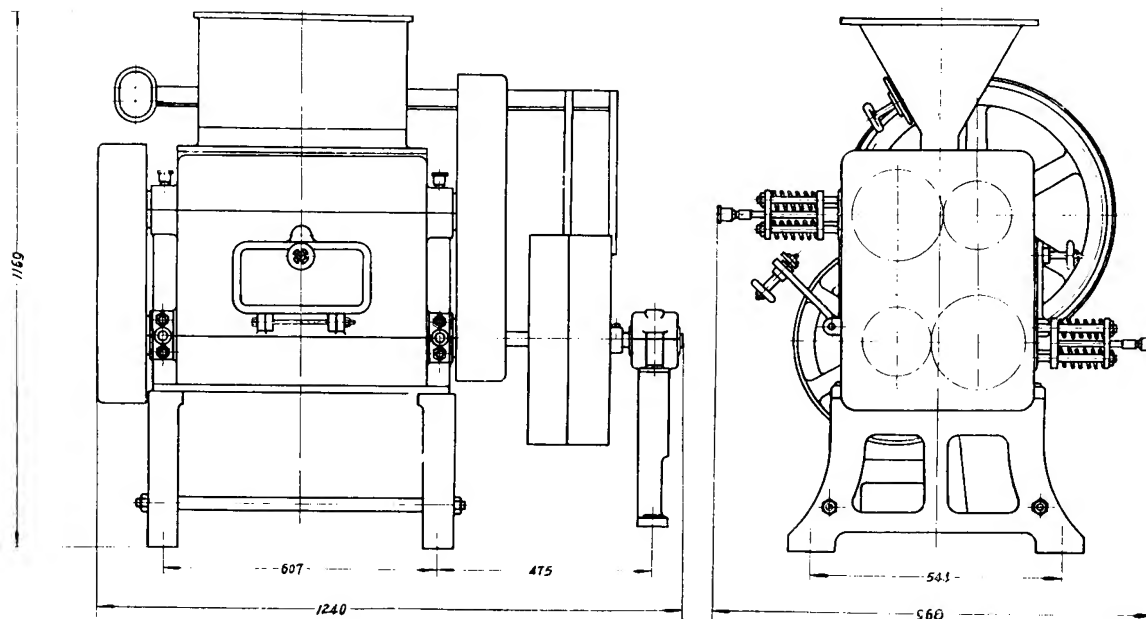
中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU . HSI-CHAO . PEKING . CHINA • CABLE ADD : TRANSMACH PEKING

The purpose of this machine is to crush all kinds of oil cakes into small pieces to suit the use of consumers.

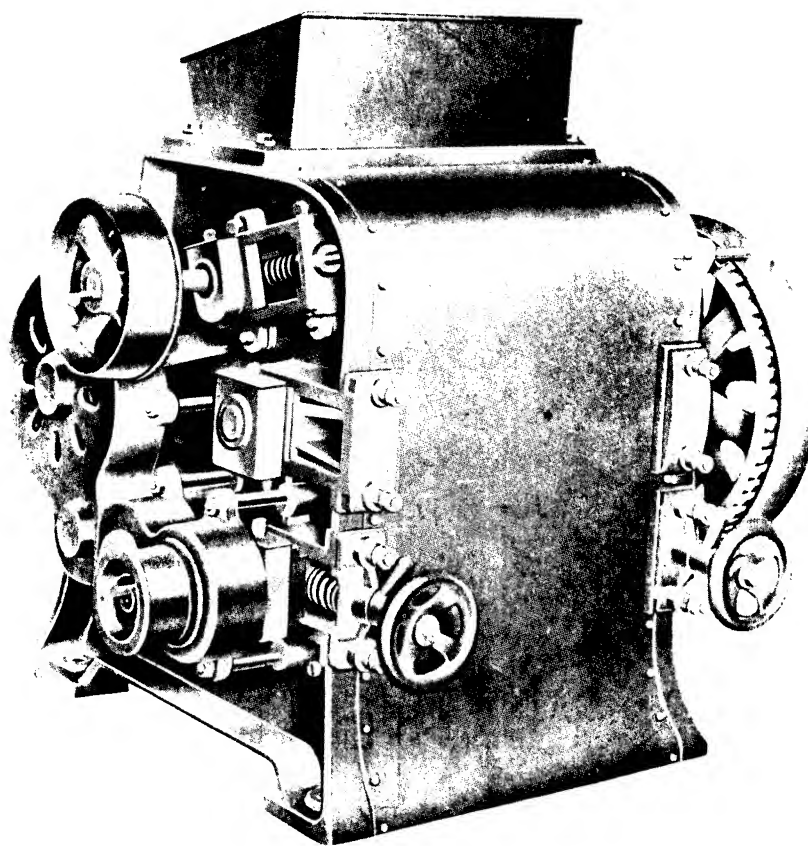
Treating Capacity	...	...	...	...	...	...	...	...	...	1,500 kgs hr.
Number of teeth of coarse roller	...	...	...	...	...	...	...	...	...	360
Number of teeth of fine roller	...	...	...	...	...	...	...	...	...	812
Tooth profile	...	...	...	...	...	...	...	...	...	V-shaped.
Roller: Diameter	...	...	...	...	...	...	...	...	...	187 mm.
Length	...	...	...	...	...	...	...	...	...	483 mm.
Main shaft: Diameter	...	...	...	...	...	...	...	...	...	38 mm.
Speed	...	...	...	...	...	...	...	...	...	160 rpm.
Pulley: Diameter	...	...	...	...	...	...	...	...	...	457 mm.
Width	...	...	...	...	...	...	...	...	...	89 mm.
Power required	...	...	...	...	...	...	...	...	...	5 HP.
Overall dimension (L\W\H)	...	...	...	...	...	...	...	...	...	1,240×968×1,169 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 750 kgs. Approx.



碎 餅 機

CAKE CRUSHER

(No. 20)



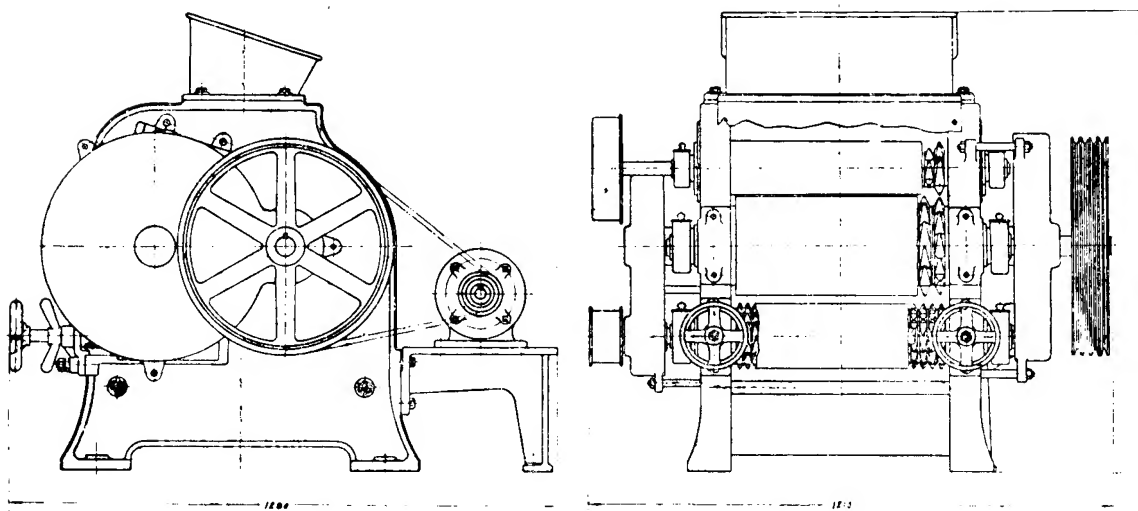
中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

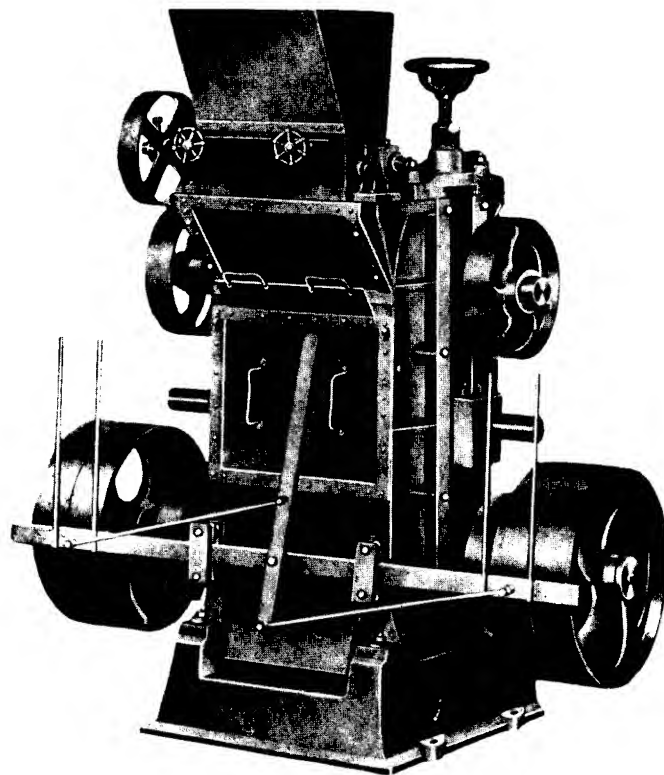
This machine can crush soya bean cakes and other cakes of square bar in about 10 mm size. It is adapted for mass crushing of oil cakes.

Treating capacity (crushing tile shaped cakes)	915 kgs. hr.
Crushing disc: Diameter	234 mm.
Thickness	232 mm.
Number	21
Main shaft: Diameter	46 mm.
Speed	100 rpm.
V-belt pulley: Diameter	508 mm.
Width	72 mm.
Belt: Number	4
Length (A type)	76 in.
Power required	2½ HP.
Overall dimension (L×W×H)	1,210×1,280×1,070 mm.
Weight	Net 1,000 kgs. Approx.



連 三 軸 粉 碎 機

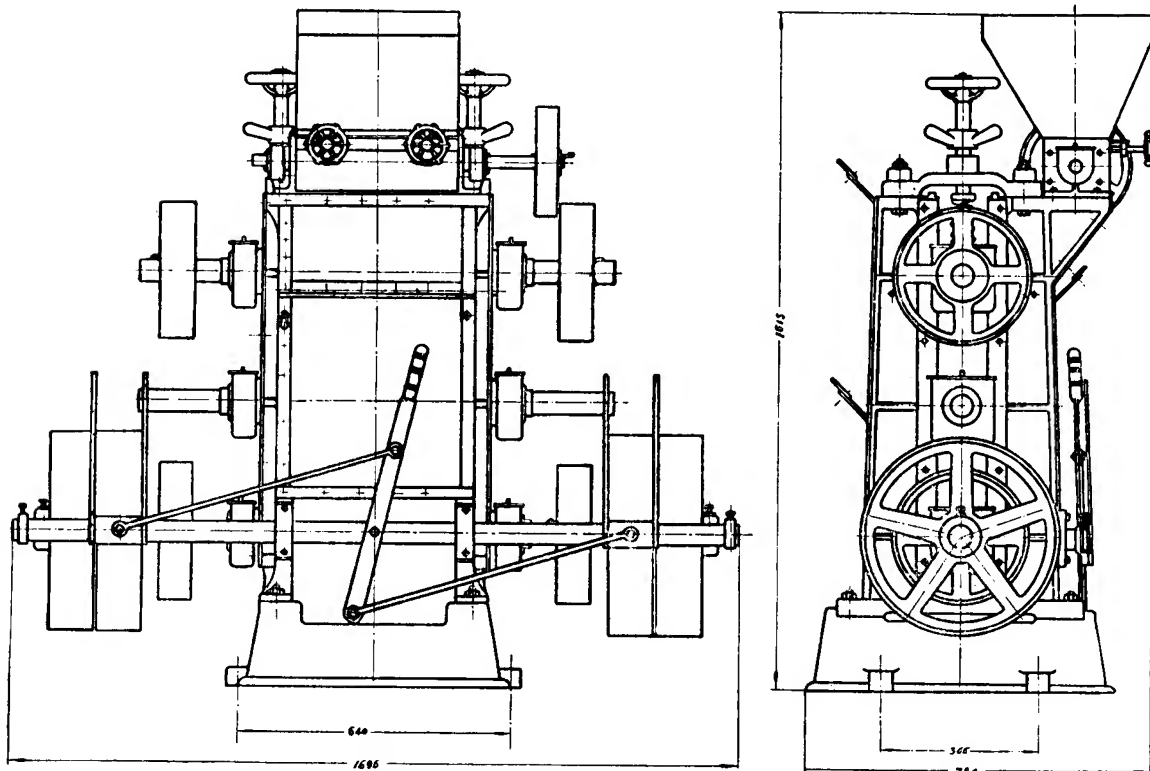
THREE-HIGH
CRUSHING ROLLER MILL



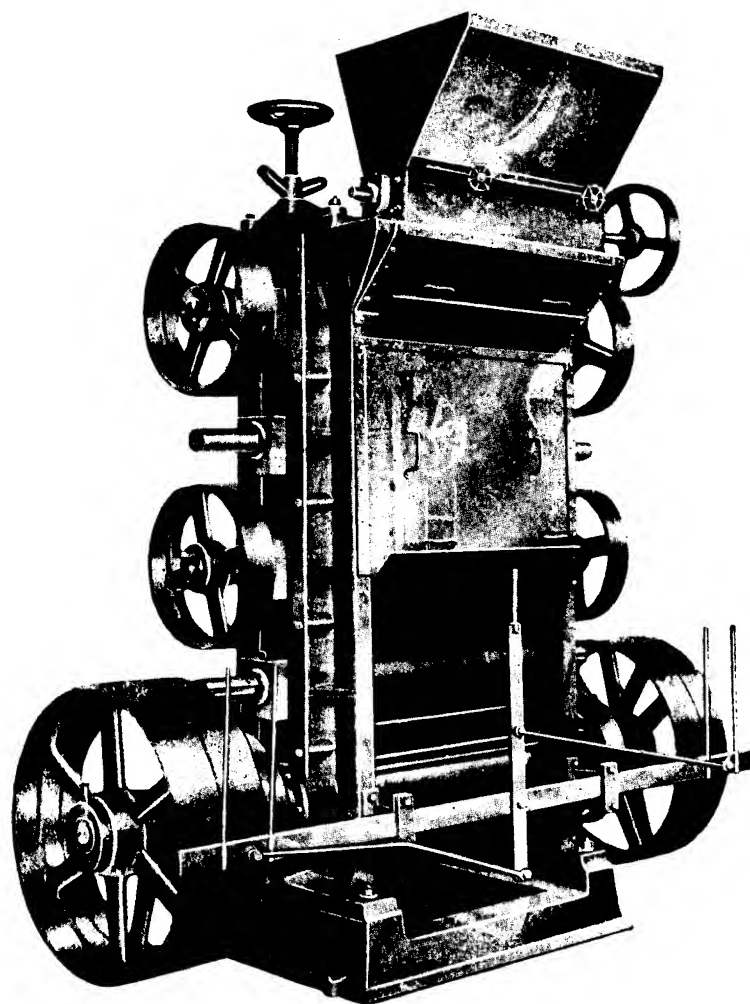
中國運輸機械進口公司
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS
ER LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

This Three-High Crushing Roller Mill is constructed of the same principle as the Five-High Model. Three instead of five crushing rolls are arranged one above the other. It is designed to run economically for the medium and small size oil mills, where a smaller treating capacity will suffice.

Treating Capacity	...	...	...	...	...	...	...	...	...	330 kgs./hr.
Roller: Diameter	...	...	...	...	...	...	...	...	...	305 mm.
Length	...	...	...	...	...	...	...	...	...	381 mm.
Diameter of pulley	...	...	...	...	...	...	...	...	...	467 mm.
Width of belt	...	...	...	...	...	...	...	...	...	110 mm.
Speed of main shaft	...	...	...	...	...	...	...	...	...	180 rpm.
Power required	...	...	...	...	...	...	...	...	...	5 H.P.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	1,696×784×1,615 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 1,000 kgs. Approx.



五 軸 粉 碎 機
FIVE-HIGH
CRUSHING ROLLER MILL



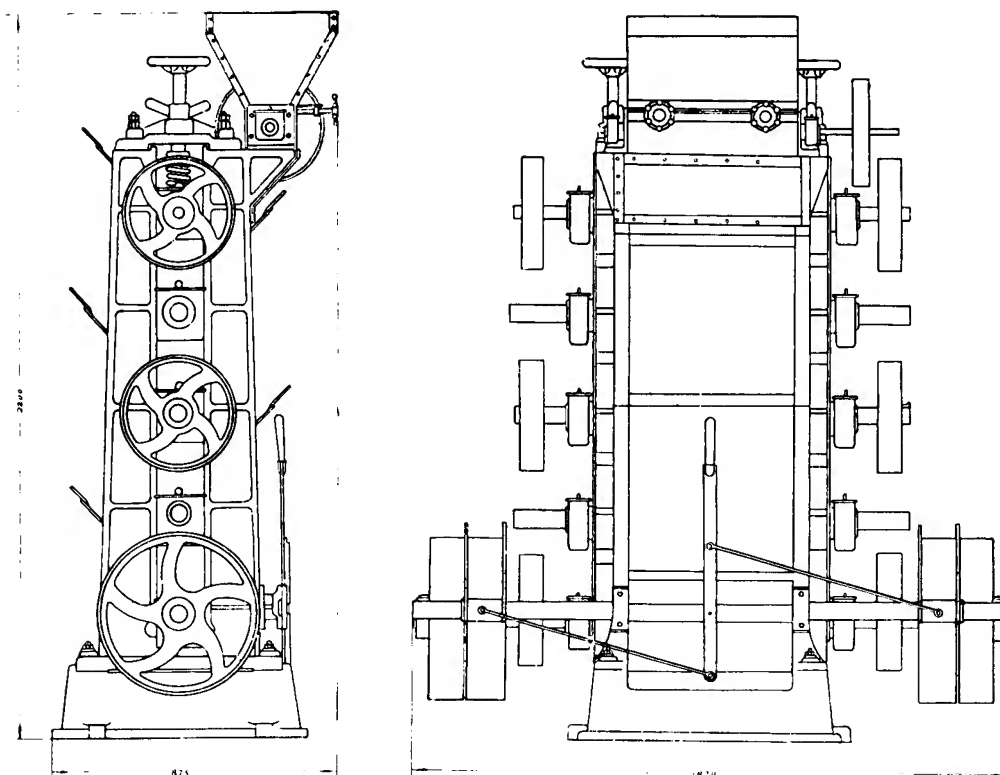
中國運輸機械進口公司
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

This Five-High Crushing Roller Mill having all its five rolls fitted with ball bearings, runs smoothly, requires little power, and has a very high efficiency. It is used either in oil mills for the preliminary crushing of oil-bearing materials, such as cottonseed, peanuts, soya beans, rapeseed, tung seed, sesameseed, copra, etc., to ensure maximum yield of oil in the subsequent extraction, or in brewhouses where yeast is to be crushed.

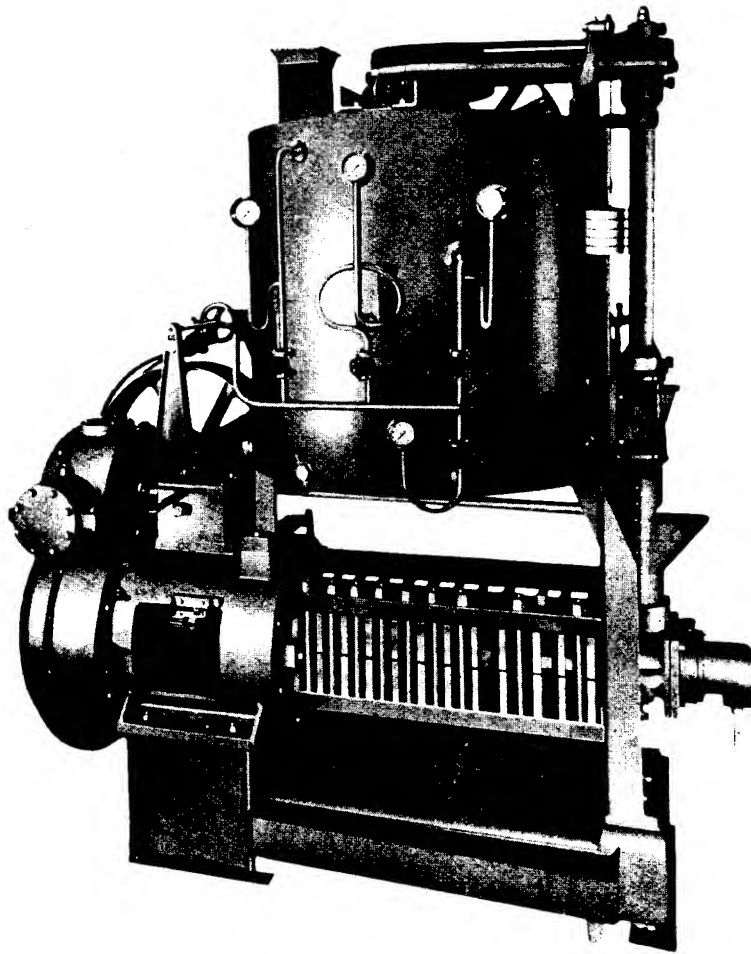
The cleaned seed, being automatically and uniformly distributed over the entire length of the top roll by means of the feed hopper and the feed roller, is passed consecutively through 5 rolls in a zig zag manner and is crushed from coarse to fine in four stages. All rolls are equipped with meal guards, which prevent the meats from being thrown off from the revolving rolls onto the floor.

Treating capacity	...	...	...	...	...	...	...	...	...	916 kgs. hr.
Roller: Diameter	...	...	...	...	...	...	...	...	...	335.5 mm.
Length	...	...	...	...	...	...	...	...	...	812 mm.
Number	...	...	...	...	...	...	...	...	...	5
Pulley: Diameter	...	...	...	...	...	...	...	...	...	813 mm.
Width	...	...	...	...	...	...	...	...	...	140 mm.
Speed of main shaft	...	...	...	...	...	...	...	...	...	180 rpm.
Power required	...	...	...	...	...	...	...	...	...	25 H.P.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	2,420×945×2,640 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 3,800 kgs. Approx.



八 噸 榨 油 機

EIGHT-TON OIL EXPELLER



中 國 運 輸 機 械 進 口 公 司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH, PEKING

This oil expeller has a double-staged heating kettle mounted on the top as shown in the photograph on the front cover and in the illustration herewith. The heating kettles are made of cast iron and are provided with steam jackets at their bottom parts. Each kettle has a stirrer mounted on a vertical shaft driven by fast and loose pulleys through bevel gears. Kettles are furnished with steam pressure gauges, safety valves, steam valves for inlet and outlet, drain cocks, etc. Feedings into the upper and lower kettle are regulated automatically. The device for discharging the material from the lower kettle into the oil expeller can be accurately adjusted.

The oil expeller is separately driven by fast and loose pulleys through drive gear consisting of worm and worm wheel. The press worm shaft, provided over its entire length with uniformly decreasing worms, rotates in the press cage. The press worm and its shaft can be easily exchanged as the latter is connected to the drive gear by a coupling which can be easily disconnected. The horizontal thrust of the worm shaft is supported by a heavy duty thrust ball bearing mounted on the extreme driving end. By turning the lever of the drive gear and moving backward the cone collar, the meal, can be taken out easily in case of hindrances. A hand wheel, at the discharge end of the oil expeller, is arranged to narrow or enlarge the discharge slits for the residue, thus regulating the pressure in the press cage. Steel bars in the press cage can be replaced separately when worn out. Liners should be inserted between bars to form spaces through which the oil flows out. An oil receiver arranged beneath the press cage serves to collect the oil.

A vertical crammer is provided in the feed hopper for the preliminary crushing of material which enters the press cage. It will stop working when resistance becomes too high and will resume when the pressure in the press cage decreases again, thus regulating the feeding automatically. The entire expeller being simple in operation can be handled by unskilled operators.

Only selected materials are used for its construction; gear wheels are of medium carbon steel, cage bars of quality steel plates, press worm shaft of high grade alloy steel forging, and press worm of special case-hardened steel.

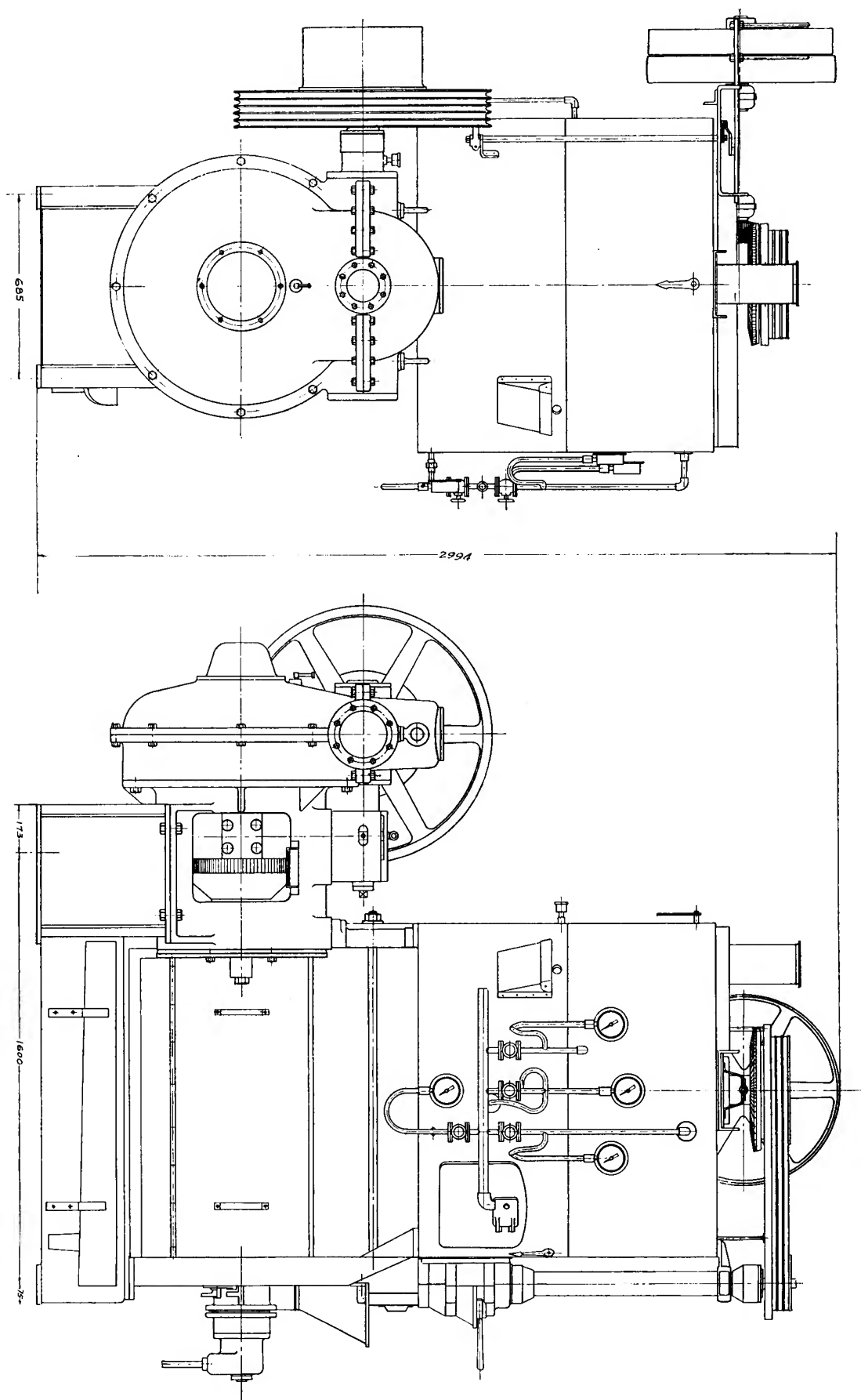
SPECIFICATION

Speed of Stirrer	...	...	...	...	...	...	...	...	...	...	...	28.5 rpm
Speed of worm shaft	...	...	...	...	...	...	...	...	...	...	...	7.5 rpm
Power Required	...	...	...	...	...	...	...	...	...	...	...	15 KW
Speed of Electric Motor	...	...	...	...	...	...	...	...	...	...	...	950 rpm
Steam Pressure	...	...	...	...	...	...	...	...	...	...	...	7 kg/cm ²
Dimension: length	...	...	...	...	...	...	...	...	...	...	...	2690 mm
width	...	...	...	...	...	...	...	...	...	...	...	1900 mm
height	...	...	...	...	...	...	...	...	...	...	...	2920 mm
Weight: net	...	...	...	...	...	...	...	...	...	...	...	4320 kg
gross	...	...	...	...	...	...	...	...	...	...	...	5308 kg
Shipping Space	...	...	...	...	...	...	...	...	...	...	...	340 cu.m.

EFFICIENCY

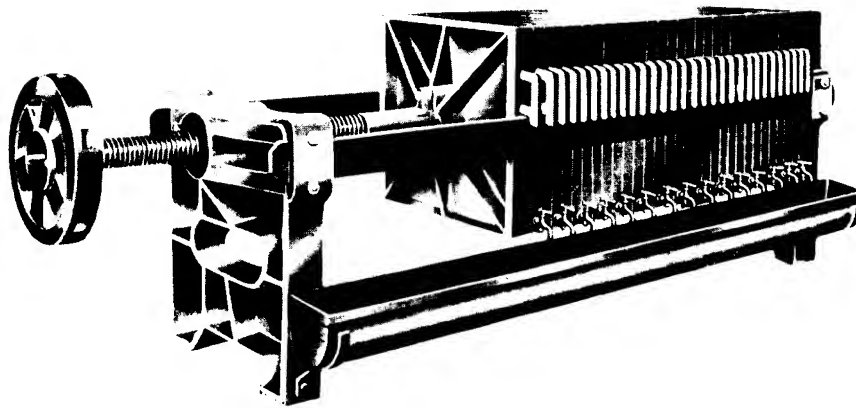
Depending on the kind and quality of the seed treated, the efficiency of the oil expeller is as follows:—

Kind of Seed	Rape Seed	Peanut	Sesame Seed	Soya Bean	Cotton Seed Kernels
Efficiency kg/24 hrs.	8000-9000	7000-8000	6500-7500	8000-9000	8000-9000
Oil Yield— kg/100 kg.	33-38	40-45	42-47	11-13	30-33
Oil in residue, %	7-8	6-6.5	7-7.5	5.5-6.5	6-7



濾 油 機

FILTER PRESS



中國運輸機械進口公司

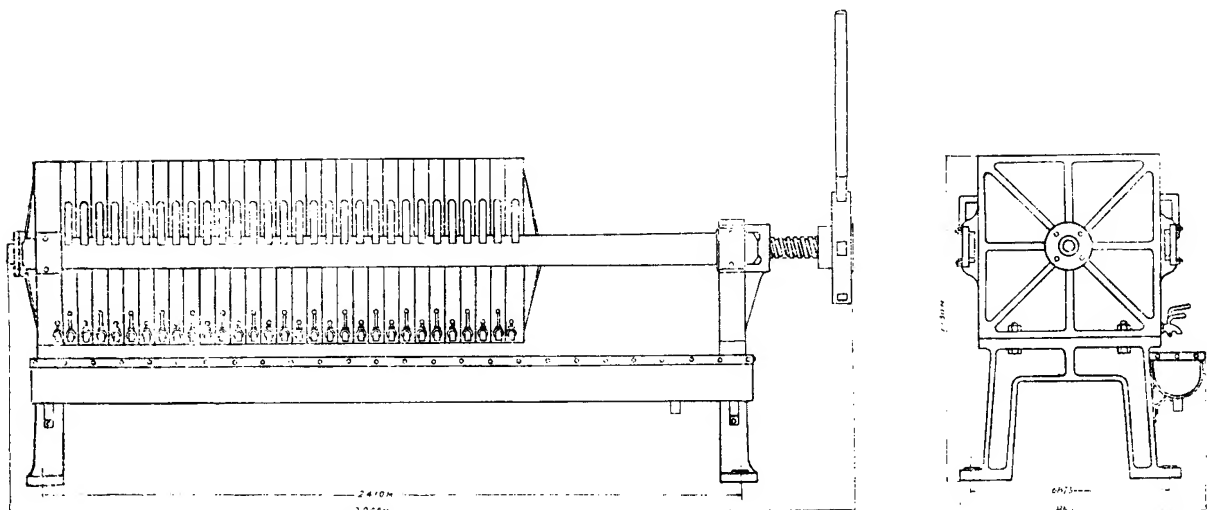
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

For the essential removal of meal, organic matters and other materials from crude oil of whatever origin and process of production, this filter press which permits lively operation with high filtering pressure is most suitable.

The skeleton construction of the press is the sturdiest of its kind, with plates and frames resting on heavy side bars and closed by means of a heavy screw shaft actuated by a hand wheel. A piece of 8×8 strand filtering canvas of 660×1475 mm and a piece of white cloth of the same size are required for every filter plate.

Treating capacity (24 hours)...	...	...	...	...	...	...	6 — 7 tons.
Number of filter plates...	...	...	...	...	...	...	30
Dimension of filter plate	...	...	...	...	...	...	635×635×52 mm.
Side bars (left & right)...	...	...	...	...	...	...	106×26×2500 mm.
Screw shaft: Diameter	...	...	...	...	...	...	67 mm.
Length	...	...	...	...	...	...	925 mm.
Threads	...	...	...	...	...	...	2/in.
Hand wheel: Diameter	...	...	...	...	...	...	400 mm.
Width	...	...	...	...	...	...	68 mm.
Number of slots on hand wheel	...	...	...	...	...	...	6
Size of slots	...	...	...	...	...	...	38×51 mm.
Diameter of inlet pipe	...	...	...	...	...	...	32 mm.
Chamber volume	...	...	...	...	...	...	105 litres.
Overall dimension (L×W×H)	...	...	...	...	...	...	2900×850×1130 mm.
Weight	...	...	...	...	...	...	Net 3000 kgs. Approx.



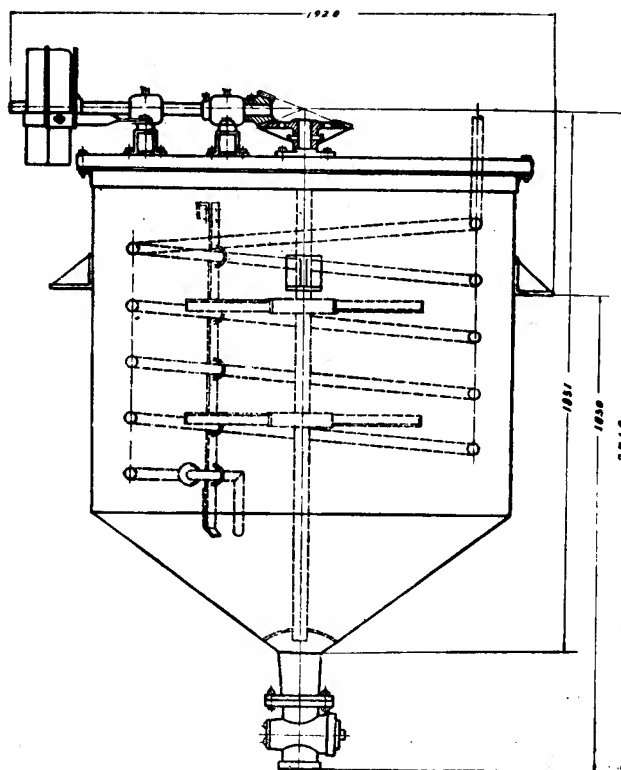
清 油 罐
OIL PURIFIER



中國運輸機械進口公司
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS
ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

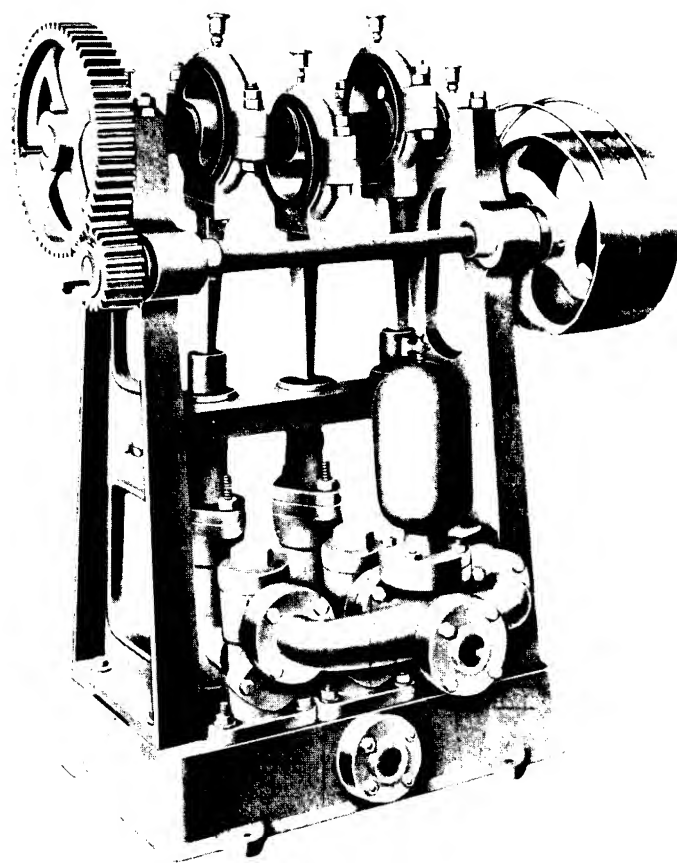
The oil purifier is the indispensable equipment in oil mills for purifying cotton seed oil.
All the sediments in the oil will settle in six hours.

Treating Capacity	...	...	...	...	...	...	...	...	...	250 kgs./hr.
Tank: Diameter	...	...	...	...	...	...	...	...	...	1480 mm.
Height	...	...	...	...	...	...	...	...	...	1951 mm.
Capacity	...	...	...	...	...	...	...	...	...	1500 kgs.
Stirrer shaft: Diameter	...	...	...	...	...	...	...	...	...	50 mm.
Speed	...	...	...	...	...	...	...	...	...	40 rpm.
Transmission ratio of bevel gears	...	...	...	...	...	...	...	...	...	3:1.
Belt pulley: Diameter	...	...	...	...	...	...	...	...	...	410 mm.
Width	...	...	...	...	...	...	...	...	...	80 mm.
Diameter of coil pipe	...	...	...	...	...	...	...	...	...	25.4 mm.
Number of coils	...	...	...	...	...	...	...	...	...	5
Treating temperature	...	...	...	...	...	...	...	...	...	60°C.
Power required	...	...	...	...	...	...	...	...	...	2 H.P.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	1920×1784×2516 mm.
Weight	...	...	...	...	...	...	...	...	...	Net 750 kgs. Approx.



三 缸 油 泵

TRIPLE PLUNGER PUMP



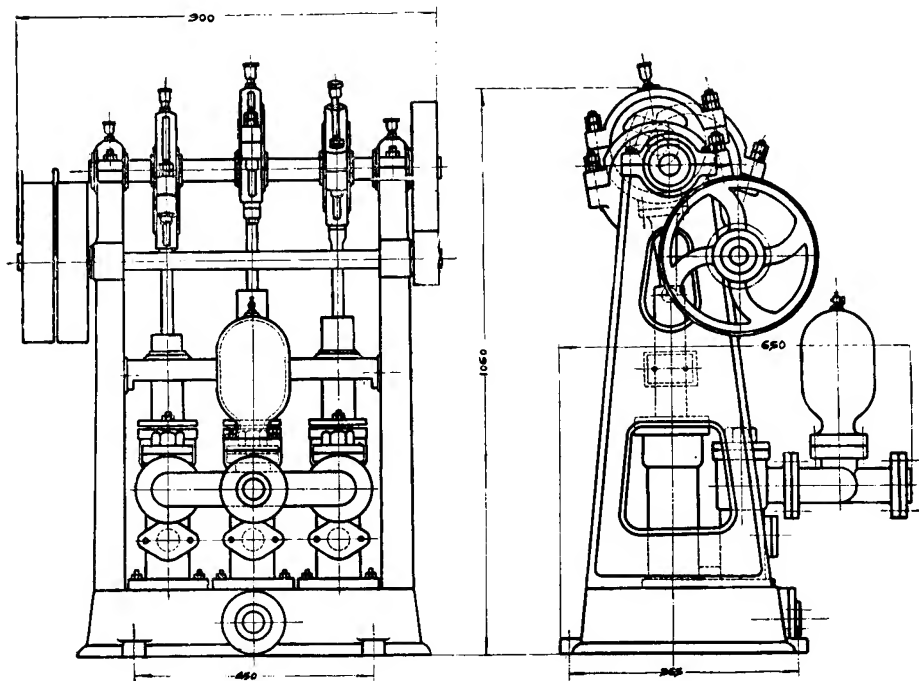
中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

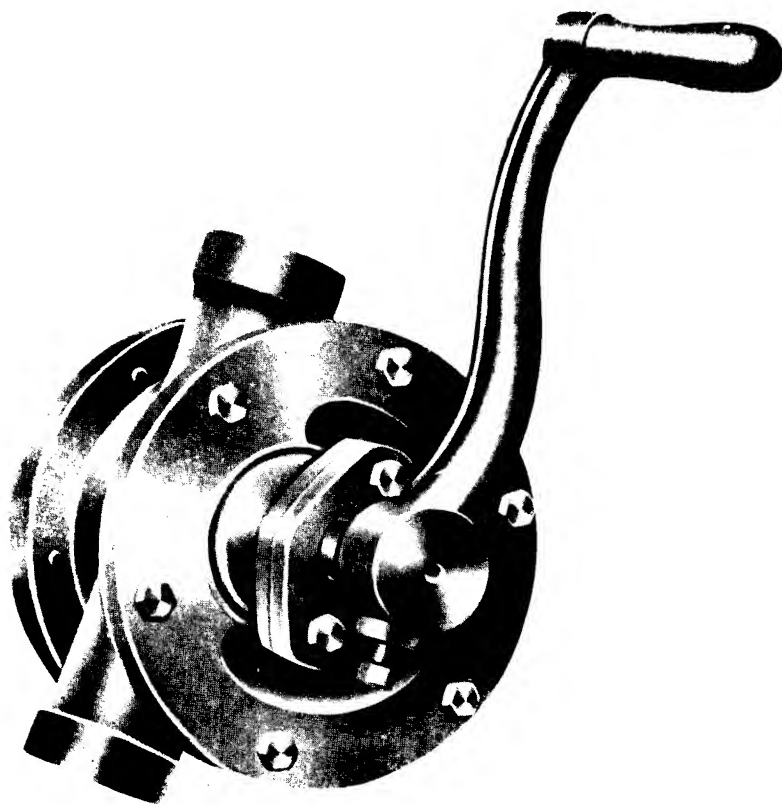
ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

This pump is designed for pumping oil into filter press and can also be used for other pumping purposes in oil mills.

Number of cylinders	...	...	...	...	...	...	...	...	...	3
Diameter of cylinder	...	...	...	...	...	...	...	...	...	60 mm.
Stroke...	...	...	...	...	...	...	...	...	...	79 mm.
Speed	...	...	...	...	...	...	...	...	...	75 rpm.
Diameter of belt pulley	...	...	...	...	...	...	...	...	...	300 mm.
Width of belt pulley	...	...	...	...	...	...	...	...	...	70 mm.
Diameter of suction pipe	...	...	...	...	...	...	...	...	...	32 mm.
Diameter of discharge pipe	...	...	...	...	...	...	...	...	...	32 mm.
Pressure head	...	...	...	...	...	...	...	...	...	3.5 metre
Capacity	...	...	...	...	...	...	...	...	...	830 kgs. /hr.
Power required	...	...	...	...	...	...	...	...	...	2 H.P.
Overall dimension (L×W×H)	800×650×1060 mm.
Weight	Net 340 kgs. Approx.



手 搖 泵
HAND PUMP

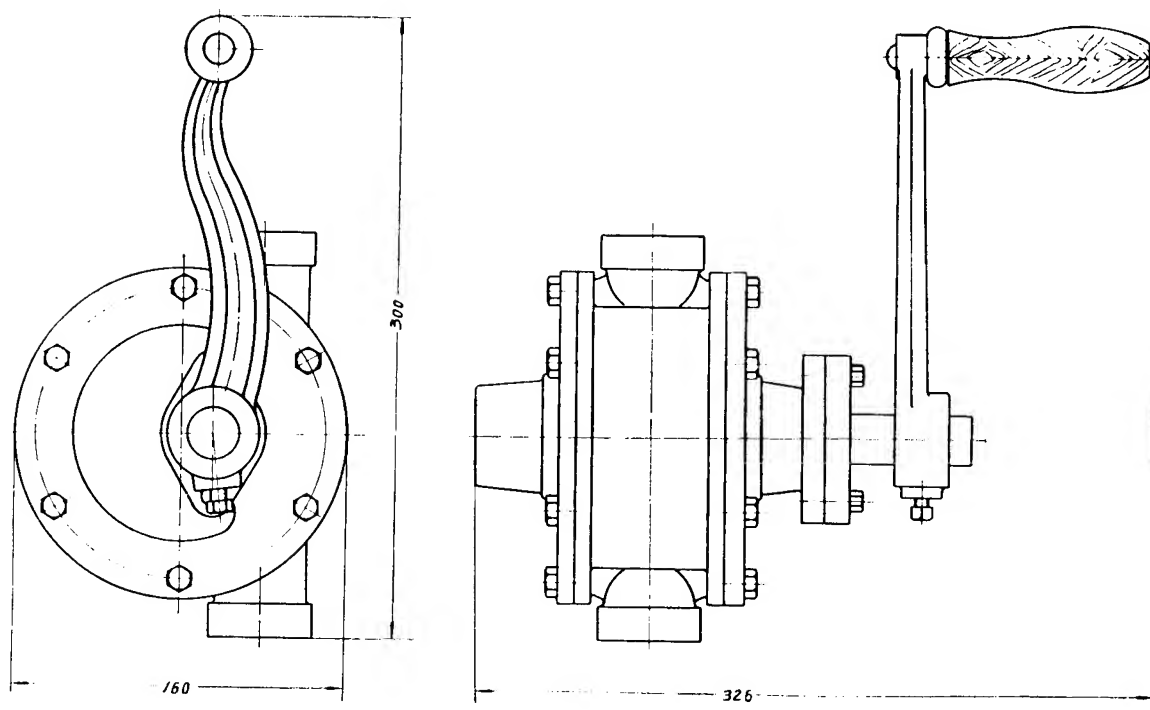


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CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
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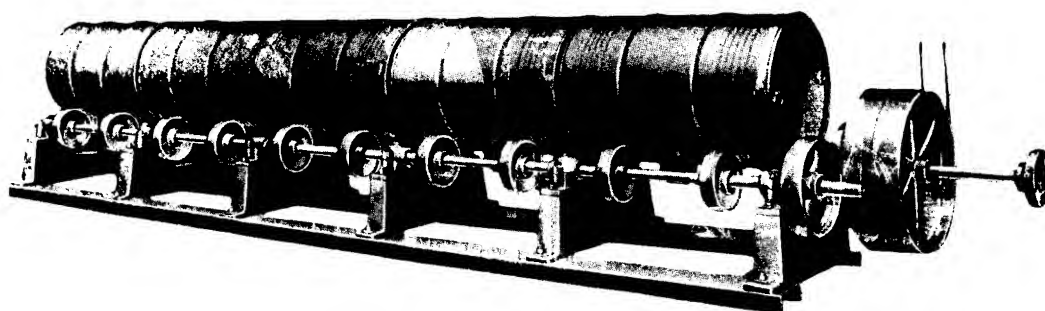
ER LI KOU, HSI CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

The hand pump is designed for delivering oil or other liquid in oil mills, oil and fat manufacturers etc. It is portable and easy in operation.

Suction pipe diameter	...	...	...	...	...	...	...	...	25 mm.
Discharge pipe diameter...	...	...	...	...	...	...	...	...	25 mm.
Delivery capacity	...	...	...	...	...	...	...	...	1 cu. m/hr.
Pressure head	...	...	...	...	...	...	...	...	3 m.
Speed	...	...	...	...	...	...	...	...	80 rpm.
Overall dimension (L×W×H)	160×326×300 mm.
Weight	Net 50 kgs. Approx.



平 型 洗 桶 機
HORIZONTAL HOGSHEAD
WASHER

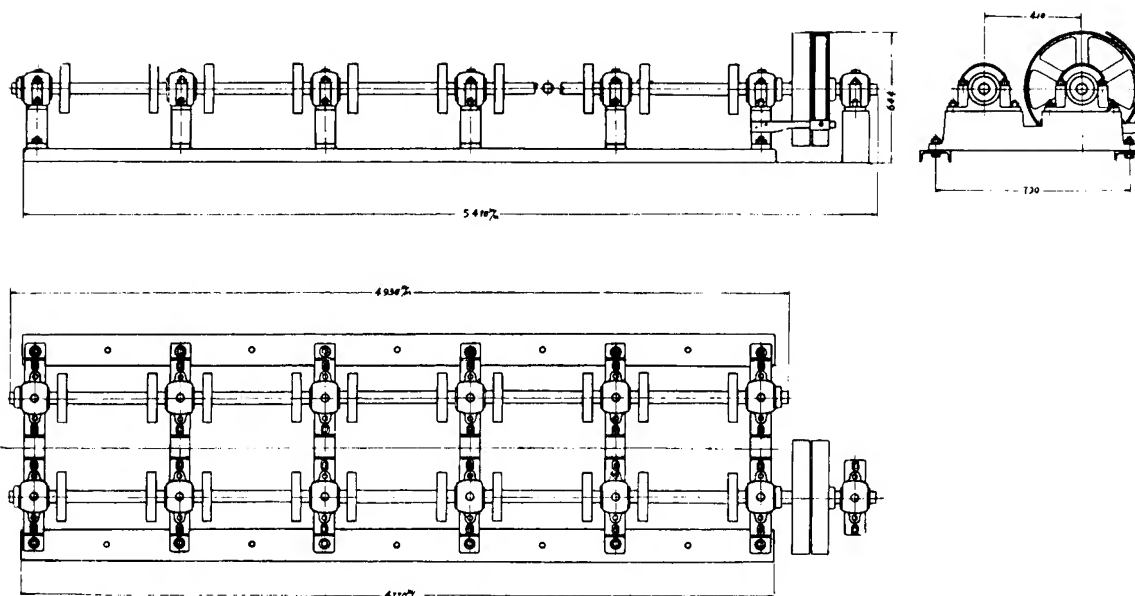


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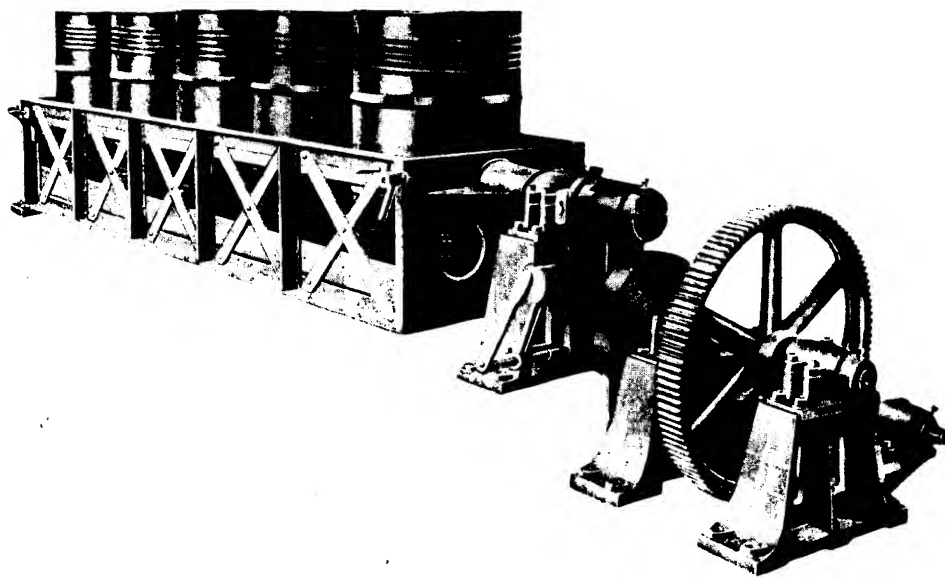
This machine simplifies labour in washing hogsheads. While washing, two iron chains (ϕ 12×500 mm.) and one kilogram of caustic soda solution (30%) are to be used for every hogshead. The hogshead may be replaced while the machine is running.

Treating capacity (washing inside round surface)	5 hogsheads/hr.
Belt pulley: Diameter	610 mm.
Width	100 mm.
Main shaft: Diameter	48 mm.
Speed	80 rpm.
Roller: Diameter	230 mm.
Width	60 mm.
Distance between rollers	400 mm.
Number of hogshead washed	5 pcs. each operation
Rotation of hogshead	31 rpm.
Power required	2½ HP.
Overall dimension (L×W×H)	5,410×890×644 mm.
Weight	Net 1,000 kgs. Approx.



立 式 洗 桶 機

VERTICAL HOGSHEAD WASHER



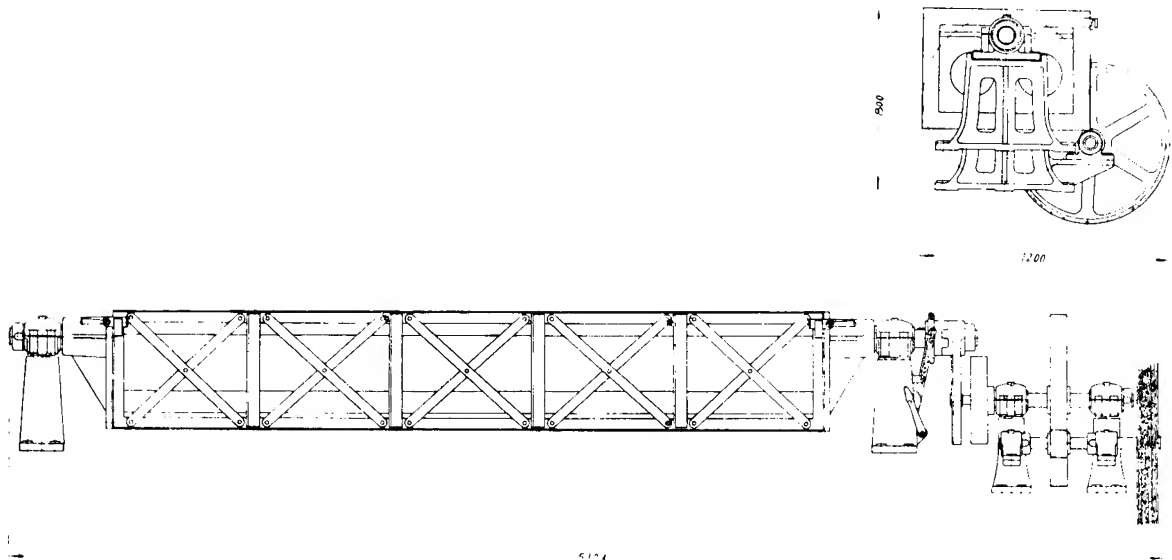
中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORP.
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA • CABLE ADD: TRANSMACH PEKING

This machine is designed for washing hogsheads. It remarkably lightens physical labour and prevents the hogsheads from being damaged. In the hogshead stand timbers of 25 x 100 mm. are laid. While washing, two iron chains and one kilogram of caustic soda solution are to be used for every hogshead.

Treating capacity (washing bottom of hogshead)	...	...	10 hogsheads	3 hrs.
V-belt pulley: Diameter	...	...	62 mm.	
Width	...	...	79 mm.	
V-belt: Number	...	...	4	
Length	...	...	120 in. A-type	
Swing speed	...	...	35 times min.	
Main shaft speed	...	...	35 rpm.	
Number of hogshead washed	...	...	5 pcs. each operation	
Swing angle	± 70	
Power required	...	...	15 KW.	
Overall dimension (L x W x H)	...	...	5,104 x 1,200 x 800 mm.	
Weight	...	...	Net 750 kgs. Approx.	



GRAVEL SORTER

廠
總



中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION

IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA

CABLE ADD: TRANSMACH PEKING

This machine is used for washing and sorting gravel. The driving system is made simple and compact due to substitution of the speed reducing gears by worm and worm wheel.

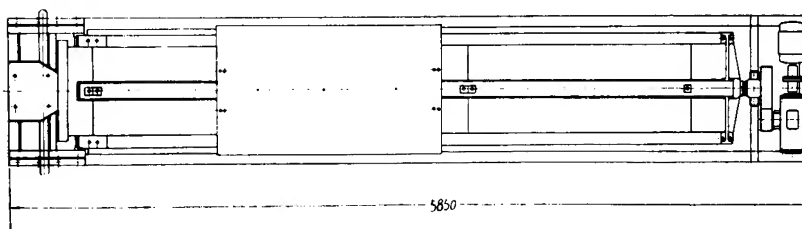
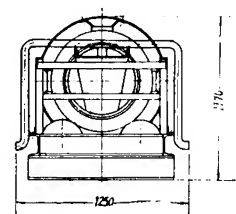
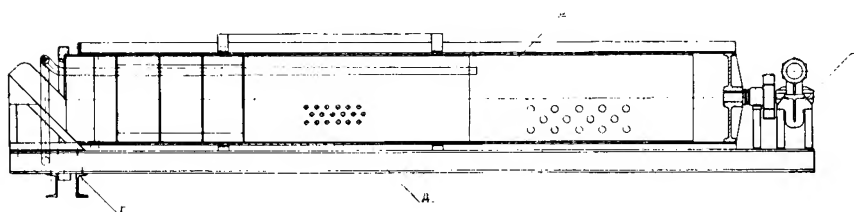
Fixed blades are provided inside the washing barrel to enable the gravel to be thoroughly washed.

The sifting mechanism is composed of 3 barrels, perforated respectively with 5, 25 and 50 mm. diameter holes.

By inclination of the cage, gravel are screened and classified as they pass from one barrel to the other.

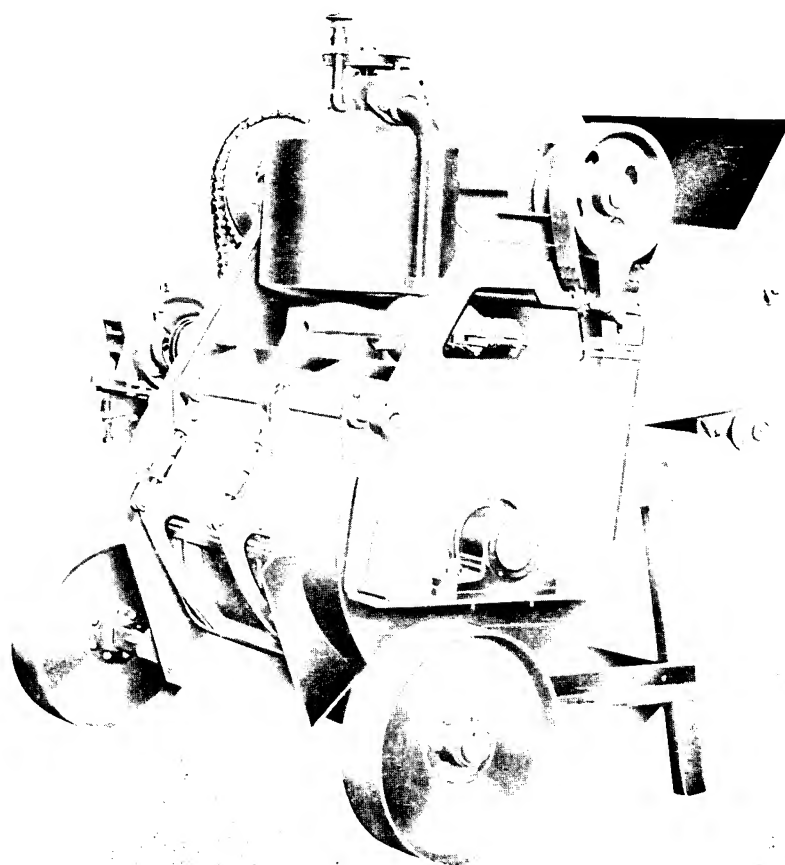
The output of the machine depends upon its inclination. The higher is the inclination; the greater the output, but this inclination must not exceed 15°.

Diameter of barrel screen hole	...	...	...	...	...	...	...	...	...	5, 25, 50 mm.
Speed of barrel screen	...	...	...	...	...	...	...	...	...	19 rpm.
Sorting capacity	...	...	...	...	...	...	...	...	...	10 cu.m./hr.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	5850×1250×1170 mm.
Power Required	...	...	...	...	...	...	...	...	...	5 H.P.
Weight	...	...	...	...	...	...	...	...	...	Net 1,955 kg. approx.



AUTOMATIC STUCCO MIXER

自動式泥漿攪拌機



中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION

IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO PEKING CHINA

CABLE ADD. TRANSMACH PEKING

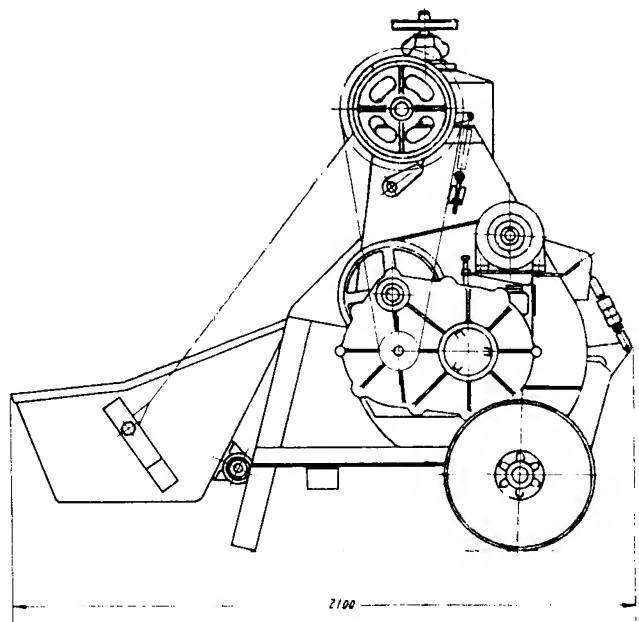
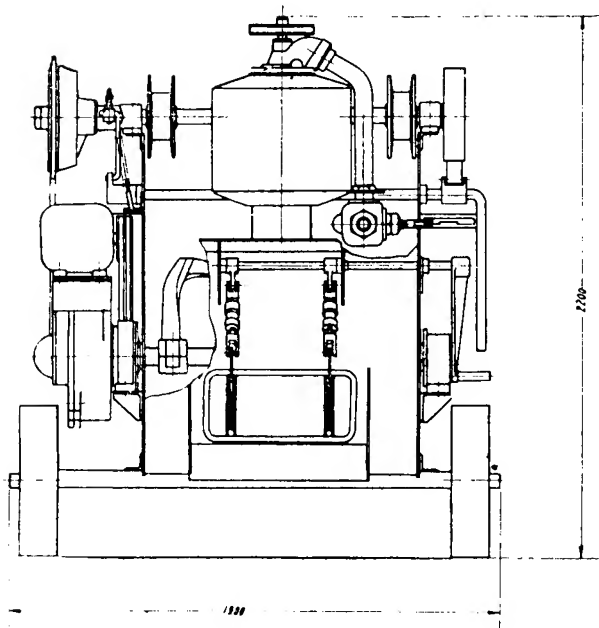
This mixer is of the latest design. It prepares stucco of cement, sand, lime and hemp and also that of clay, hemp, etc. It offers a smoother mix at such a low cost that it is impossible for the hand method to compete. The consistently high quality of stucco it produces combined with the savings in time, has justified itself as an indispensable machine for any large scale construction work.

The ratio of water to raw materials is a dominating factor in determining the quality of stucco. The water container of this machine is of the automatic self-measuring type with quantity of water controlled by an adjustable siphon pipe, which once set, every batch will receive a uniform amount of water.

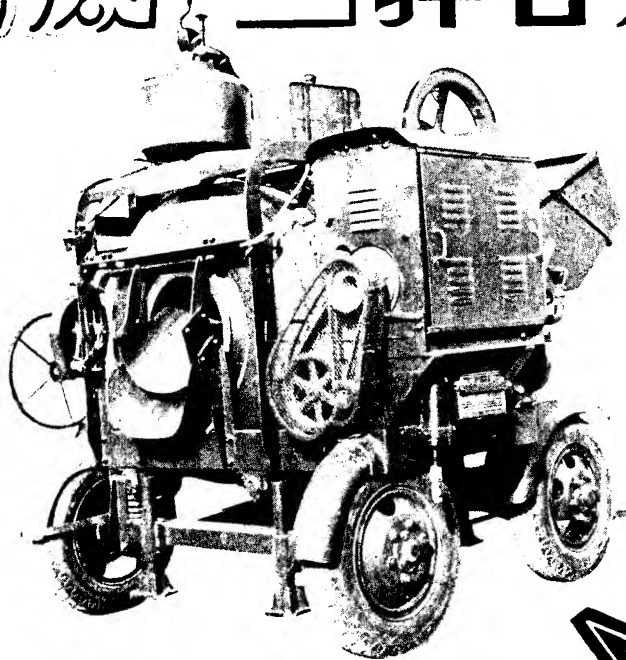
The driving system is a combination of the 2.8 KW motor, V-belt, gears, sprocket wheels, etc. With mixing, elevating and lowering of the bucket actuated by motor, manual labour is reduced to a minimum.

In short, the operator is not only given the privilege of a lively operation but also the assurance of a thorough mixing.

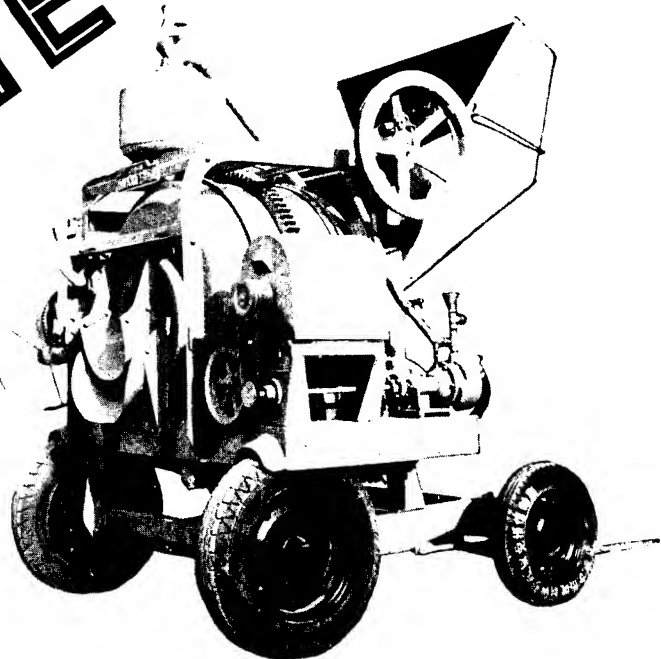
Capacity	...	...	...	...	...	...	...	...	...	...	200 to 325 litres.
Mixing blade speed	...	...	...	...	...	...	...	...	...	...	30 rpm.
Average mixing capacity	...	...	...	...	...	...	...	...	...	...	26 cu. m., 8 hrs.
Motor	...	...	...	...	...	...	...	...	...	...	2.8 KW.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	...	2,100×1,900×2,200 mm.



邊凝土拌合机



CONCRETE MIXER



中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION

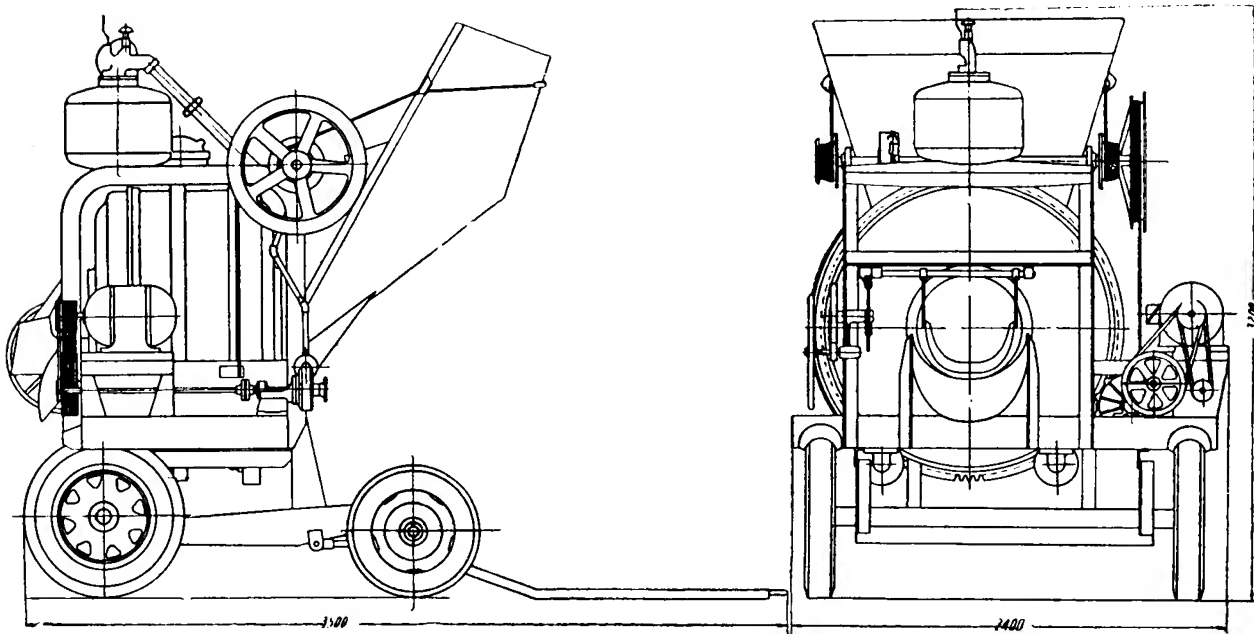
IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA

CABLE ADD: TRANSMACH PEKING

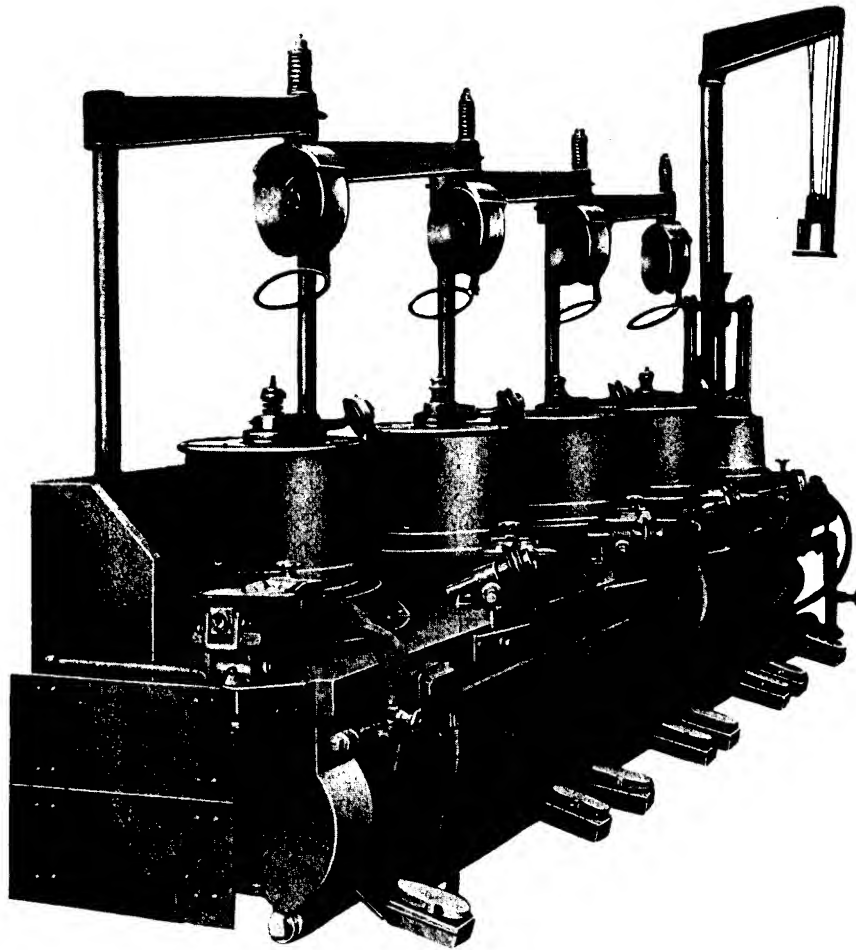
This machine is designed for the preparation of concrete. The chief feature is its easy operation. A recorder is provided to register the production of concrete. In order to guarantee the quality of concrete and to prevent the waste of materials, the machine is also fitted with an automatic cement feeder and a time regulating concrete discharger. The automatic water feeder and water regulator controls the proper ratio of water to materials. It can be easily moved about on a four wheel carriage fitted with tyres, and can be driven by means of either an internal combustion engine or an electric motor (according to the client's requirement).

Capacity	...	...	...	...	...	...	...	...	...	...	400 litres
Time required for mixing	...	...	...	...	...	...	...	...	...	...	1½ to 2 min. per batch
Drum: Diameter	...	...	...	...	...	...	...	...	...	...	1,500 mm.
Width	...	...	...	...	...	...	...	...	...	...	950 mm.
Speed	...	...	...	...	...	...	...	...	...	...	18 rmp.
Power required	...	...	...	...	...	...	...	...	...	...	15 H.P.
Overall dimension (L×W×H)	...	...	...	...	...	...	...	...	...	...	3,500×2,400×3,200 mm.
Weight	...	...	...	...	...	...	...	...	...	...	Net 3,200 kgs. Approx.



拔 絲 機

NON-SLIP CONTINUOUS WIRE DRAWING
MACHINE



中 國 運 輸 機 械 進 口 公 司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION

IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA

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WIRE STAND:-

The wire stand is a simple mechanism for holding coiled wire in an inclined position at a convenient working distance for drawing.

OPERATION:-

Take the bottom lead from coil, pass it through pointing roll machine to make wire top slender so that the wire may go through dies of the first block. Grip the wire top by chain wrench and thrust the other end of chain into the block hole. Step on pedal to let the machine run. When the wire has wound around the block about 10 rounds, stop the motion and disconnect chain wrench. Next, the wire passes around the suspension roller, and is then drawn out and pressed again by pointing roll machine to make its end smaller so as to be able to enter the dies chamber of the second block. The same procedure is being repeated until the last block is reached. When wire has accumulated to a certain quantity on the last block, operate hand hoist to lift up the coil and shift it over to the swift stand. For model D5A, each drawing block, attached with pedal, is individually driven by motor; however, models D5B and D5C are by clutch transmission. The drawing speeds of different blocks, from slow to fast, each varies about 30%. To ensure high efficiency, perfect water cooling system is provided for blocks dies chambers. The dies chambers are further filled with soap flakes. During drawing, an electric butt welding machine will join the wire ends together.

SPECIAL FEATURES:-

1. Any required number of blocks up to 7 can be arranged as a simple unit.
2. Each unit is self-contained, every block is individually driven either by a motor or through main shaft and independent clutch.
3. Additional blocks can be added whenever desired.
4. Machine can be divided into sections, and any intermediate block can be easily converted into a finishing block.
5. All gears are enclosed, phosphorous bronze worm wheel and case hardened worm are being adopted for quiet running and durable service.
6. Die boxes are provided with vertical and horizontal adjustments; and blocks and dies with visual control of water cooling.
7. Range of speeds up to 1200 ft./min. is available with bigger motors.
8. Remote control can be incorporated if required.
9. The wire tension is easily controlled. These machines are capable of drawing high tension steel, mild steel, brass, bronze and aluminium (wires)
10. The machine is equipped with collapsible devices for quick release of wire and increased running efficiency.
11. Operation is very simple, even for semi-skilled operative.

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Model	Specification	Power required	Last block speed (rpm.)	Output with reference to wire gauge. BWG., kg./hr.	Drawing speed of finishing block	Approx weight including parts	Overall dimension excluding parts
D5A	No. of blocks - 5 Dia. of blocks -16" Cir. of blocks -50.26"	1st-4th blocks 5 HP. 5th block 6 HP. (380 V, 3-phase, 1440 rpm.)	172	#14-#18 114 #15-#19 87 #16-#20 63	219 m/min. (720.5 ft/min.)	Net. 7 m./t.	6000 × 1000 × 1750 mm.
D5A	No. of blocks - 3	1st block 5 HP. 2nd block 5 HP. 3rd block 5 HP. (380 V, 3-phase, 1440 rpm.)	129	#14-#16 155 #15-#17 113 #16-#18 87 #17-#20 47	173 m/min. (540 ft/min.)	Net. 5 m./t.	4000 × 1000 × 1700 mm.
D5B	No. of blocks - 4 Dia. of blocks -18" Cir. of blocks -56.5" Clutch transmitting power	40 HP. (380 V, 3-phase, 960 rpm.)	117	# 8-#12 430 # 9-#13 335 #10-#14 235 #11-#15 206 #12-#16 158 #13-#17 116	167 m/min. (551 ft/min.)	Net. 8 m./t.	6000 × 1500 × 1750 mm.
D5C	No. of blocks - 4 Dia. of blocks -22" Cir. of blocks -69" Clutch transmitting power	60 HP. (380 V, 3-phase, 960 rpm.)	76	#3-#10 500 (#3-6.5 mm. wire rod) #4-#11 400 #5-#12 290	134 m min. (440 ft min.)	Net. 11 m./t.	7000 × 1600 × 1850 mm.

REMARKS:—The above quoted speeds are low range speeds, speeds up to 1000 ft. min. can be obtained with bigger motors.

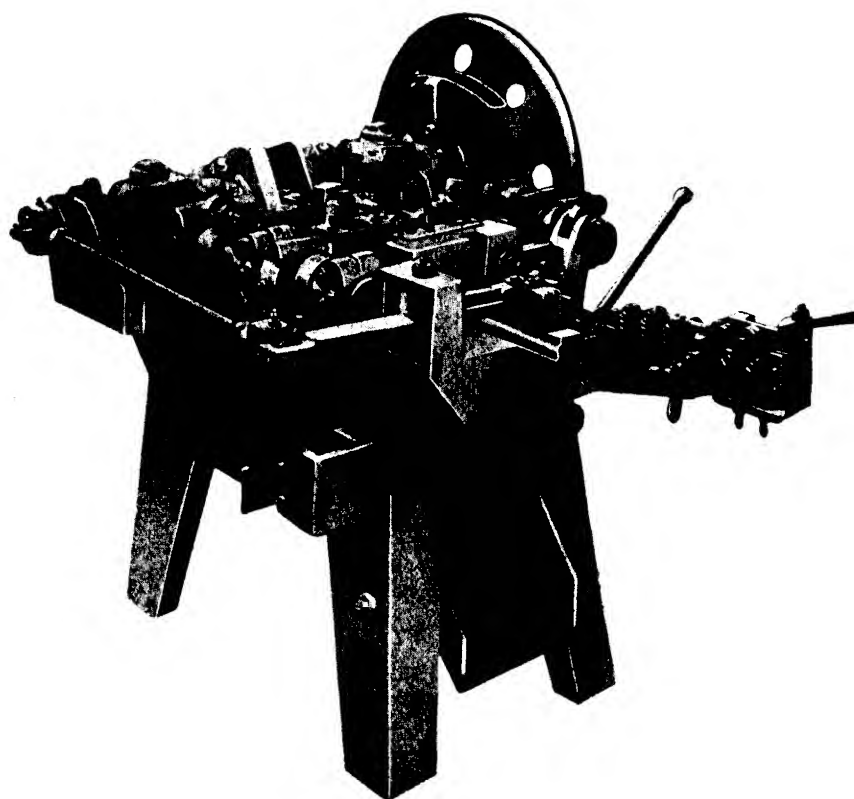
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自 動 制 釘 機
AUTOMATIC NAIL MAKING MACHINE



中 國 運 輸 機 械 進 口 公 司
CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION
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ER-LI-KOU, HSI-CHAO, PEKING, CHINA CABLE ADD: TRANSMACH PEKING

WIRE STRAIGHTENING:-

Wire is drawn from a wire coil, which is mounted on the wire stand. One of the chief features is its simple adaptability to wire coil of any diameter and tension. By simply moving the revolving board, the 4 struts of the frame can be automatically adjusted to any required diameter and tension. Pull out locking pin under the frame to enable the latter to bend vertically down; put on the coil, raise up frame, and lock it again with the pin. This will eliminate to a large extent entanglement of wire resulting from quick pullings. Should wire become entangled during drawing, move lever to separate roller and cam (attached to the end of cam shaft) to stop entanglement.

By turning crank shaft in arrow direction, the wire gets straightened as it passes through a train of 8 rollers.

The machine is provided with nail length adjusting bolt.

WIRE FEEDING:-

The wire is held by grip dies and passes through wire guide to the dies chamber containing a movable and a stationary dies. The movable die is capable of sliding left and right by means of the cam to give to wire a proper tension, whereas, the stationary die is equipped with adjusting bolts. Movable die should contact stationary die when the former is being tightened by bolt at the highest strength. Dies should be adjusted according to the diameter of wire, and the centre of dies in alignment with that of the wire; and, for this purpose, a bolt is fitted.

WIRE CUTTING:-

A motor is used to drive through V-belt the crank shaft, which, in turn, actuates the header back and forth through the connecting rod, enabling the punch of the header to strike the wire top forming the nail head. The punch is fastened on header by two bolts, adjustable by special nut. The feeding device forwards wire at regulated length, while two cutters, in line with the wire, point the finished nail, cut it off at right angle, and eject same at each revolution of crank shaft. At the same instant, the shearing device shears off the surplus metal, and the pressing tongue forces the nail out of the machine.

MAJOR FEATURES:-

1. Number of rollers increased from 5 to 8 for better straightening of wire.
2. Shearing device and pressing tongue ensure high efficiency in the production of perfect nails.
3. Operation is simple and easy even for beginners.
4. A safety pin fitted between fly wheel and crank shaft automatically breaks up the wire and instantaneously stops the machine.

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Type	Length	Wire	Power required	Speed rpm.	Capacity pcs./min.	Weight (approx.)	Overall dimension (L x W x H)	Shipping Measurements
DC 2	¾"-2"	BWG. 12-17	3 HP. (380 V. 3-phase Motor driven)	1440	400	Net. 800 kg. Gross 850 kg.	1600 x 1000 x 1100 mm.	1650 x 1050 x 1150 mm.
DC 4	2½"-4"	BWG. 8-11	5 HP. (Line shaft driven)	1440	300	Net. 2000 kg. Gross 2100 kg.	2000 x 1700 x 1200 mm.	2050 x 1750 x 1250 mm.

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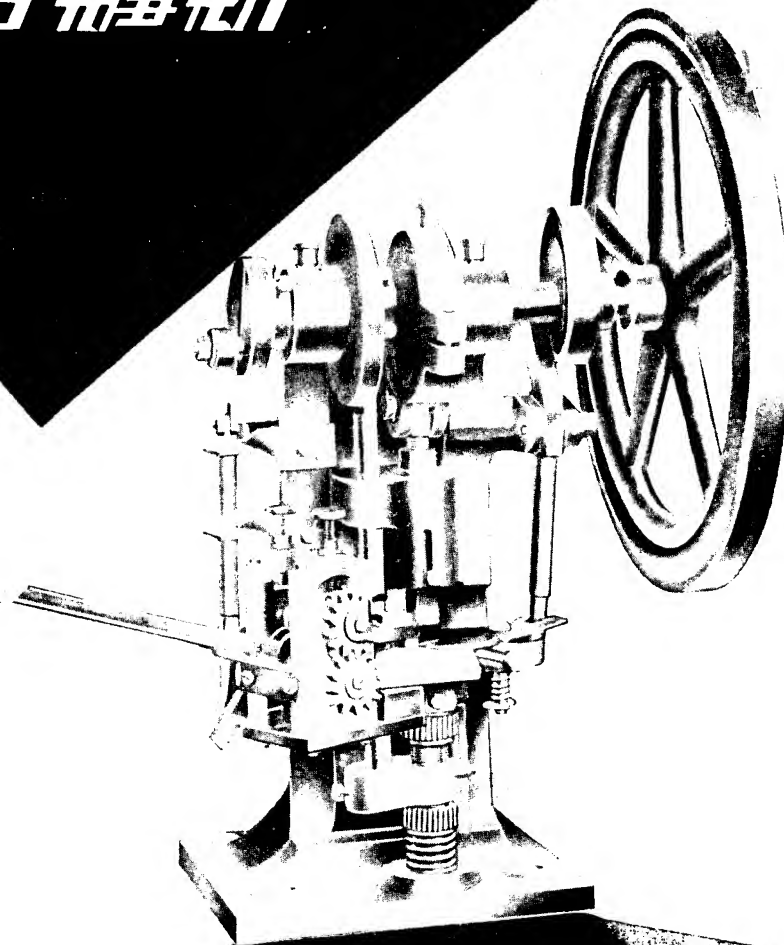
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"TANK" Hard Candy Machine

水筒糖机



中國運輸機械進口公司

CHINA NATIONAL TRANSPORT MACHINERY IMPORT CORPORATION

IMPORTERS & EXPORTERS

ER-LI-KOU, HSI-CHAO, PEKING, CHINA

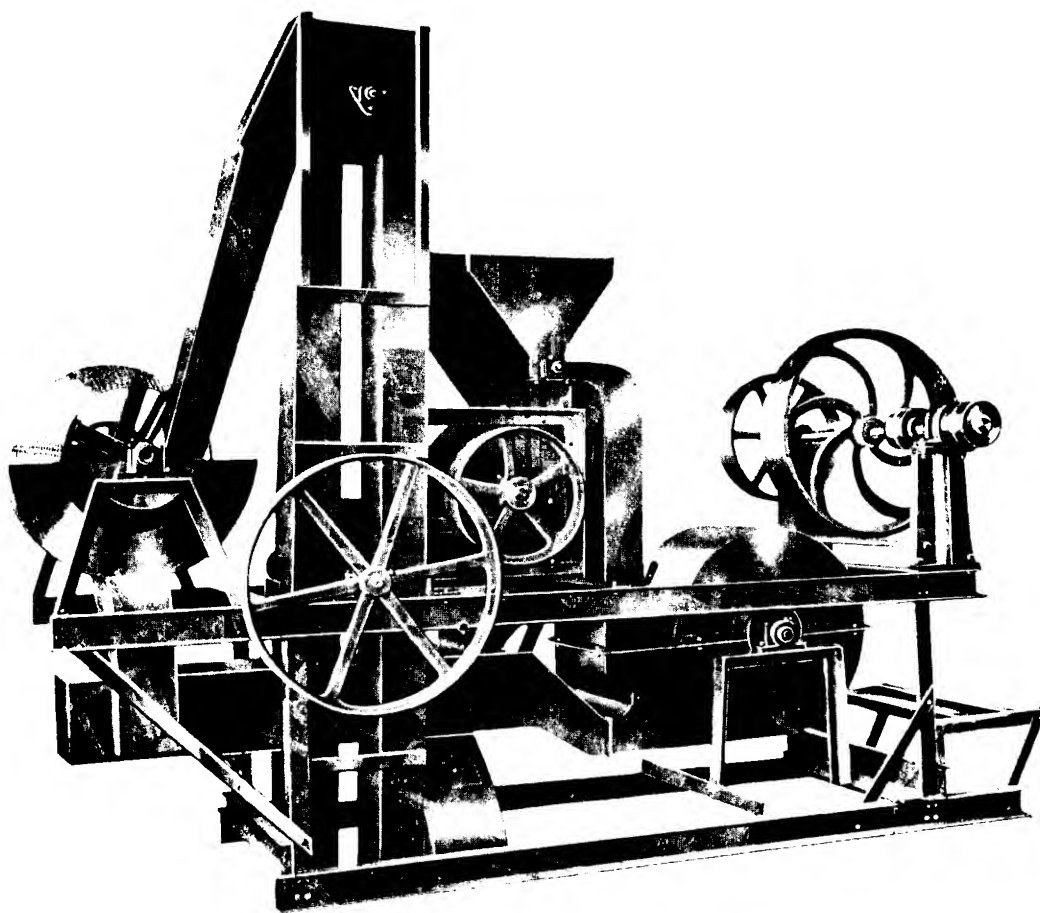
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This robust and durable candy machine is designed for making different kinds of fruit drops for confectioners. It can be driven either manually or by means of motor.

Granulated sugar is first melted and formed into a sugar strip and then fed into this machine to be compressed by moulds into the finished fruit drop candies. With different forms of moulds and attachments, the machine is capable of producing candies in different forms and shapes.

Output from Granulated Sugar	...	...	...	...	...	...	...	...	Hard candy 30 kgs. 'hr.
Diameter of Mould	...	...	...	...	...	...	...	...	10—30 mm.
Main Shaft Speed	...	...	...	...	...	...	...	...	200 rpm. (motor driven)
Power Required	...	...	...	...	...	...	...	...	$\frac{1}{2}$ H.P.
Weight	...	...	...	...	...	...	...	...	Net 65 kgs. Approx.
Shipping Space (L×W×H)	630×530×450 mm. Approx.

花生剝皮機
PEANUT SHELLER



中國運輸機械進口公司
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This machine is specially designed for shelling peanuts and is equipped with a fan for separating peanuts from their shells. It has a high efficiency and is suitable for use in oil mills.

[illegible]